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PROCEEDINGS
OF THE
ACADEMY OF NATURAL SCIENCES
OF
PHILADELPHIA.

1891.

JANUARY 1.

Mr. CHARLES MORRIS in the chair.

Thirty-three persons present.

A paper entitled "Basanite from Crawford Co., Ind.," by Edward Goldsmith was presented for publication.

The death of John B. Trevor, a member, December 20, 1890, was announced.

The Council reported the appointment of the following Standing Committees to serve during the current year:—

ON LIBRARY.—Joseph Leidy, W. S. W. Ruschenberger, Gavin W. Hart, Charles P. Perot and J. Bernard Brinton.

ON PUBLICATIONS.—Joseph Leidy, Angelo Heilprin, Thomas Meehan, Edward J. Nolan and John H. Redfield.

ON INSTRUCTION AND LECTURES.—Isaac C. Martindale, Harold Wingate, George A. Rex, Charles Morris and J. Bernard Brinton.

or a sinistral direction and in which the contractile disks (here hypothetical) are not fixed but in which waves of contraction may be supposed to revolve, as described above, either in a sinistral or dextral direction, in order to continuously maintain the spiral condition, and also at the same time cause the spiral to apparently travel from one end of a filamentous organism or flagellum to the other. Two very distinct and constant types of filamentous muscular or plasmic contractility the speaker believed might be thus characterized with *Vorticella* and *Trypanosoma* as their types, in addition to the single ordinary form presented by the usual types of smooth and transversely striated muscular fibres.

The following was ordered to be printed:—